



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Animal Feeding Operations

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Description:

- The term Animal Feeding Operation refers to facilities where:
 - Animals are confined and fed for at least forty-five (45) days (consecutive or non-consecutive) or more out of the year; and
 - The confinement area is covered with less than 50% vegetation.
- Animal Feeding Operations are divided into two (2) categories, Confined Feeding Operations (CFOs) and Concentrated Animal Feeding Operations (CAFOs), according to the size of the operation. The following table provides classification differences between CFOs and CAFOs:

Animal	CFO	Animal	CAFO
Cattle	300	Mature Dairy Cows	700
Swine	600	Veal Calves	1,000
Sheep	600	Other Cattle	1,000
Fowl (Chickens, Turkeys, Other Poultry)	30,000	Swine 55lbs+	2,500
<ul style="list-style-type: none"> The Indiana Department of Environmental Management (IDEM) regulates CFOs as a state program not required by federal regulation and CAFOs by authority of the United States Environmental Protection Agency (U.S. EPA). As of January 2007, there are 2,235 CFOs and CAFOs in Indiana. 		Swine less than 55lbs	10,000
		Horses	500
		Sheep or Lambs	10,000
		Turkeys	55,000
		Laying Hens or Broilers with a liquid manure handling system	30,000
		Broilers with a solid manure handling system	125,000
		Laying hens with a solid manure handling system	82,000
		Ducks with a solid manure handling system	30,000
		Ducks with a liquid manure handling system	5,000

Environmental Impacts:

- Because of the nature of CFO/CAFOs, large quantities of manure are produced and stored in pits, lagoons, tanks and other storage devices. When stored and applied properly, this manure is a beneficial resource for farmers and the environment, adding nutrients to the soil and reducing the need for fuel and other natural resources required for the production of commercial fertilizer.
- If handled improperly, manure can have detrimental effects on the surrounding soil and surface water.
- To protect water quality, federal and state rules require that all CFO/CAFOs be designed as zero discharge facilities, preventing the discharge of wastewater into waters of the state.
- There are currently no odor-related CFO/CAFO regulations; however, the U.S. EPA provided funding for a 2-year study on CFO/CAFOs and air quality which began in June 2007.